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EXAMINER

ESCALANTE, OVIDIO

ART UNIT PAPER NUMBER

2614

DATE MAILED: 07/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/640,076

Applicant(s)

CAMPANA ET AL.

Examiner

Ovidio Escalante

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 December 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 94-262 is/are pending in the application.
- 4a) Of the above claim(s) See Continuation Sheet is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 94-96, 100-105, 108-111, 118-129, 131, 132, 136-141, 144-147, 154-157, 160, 164-169, 172-175, 182-193, 195, 196, 200-205, 208-211, 218, 219, 234-240, 242, 245-248, 250, 253-258, 260-265 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☒ Claim(s) See Continuation Sheet are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>8/17/00, 1/17/01</u> . | 6) <input checked="" type="checkbox"/> Other: <u>IDS 3/6/02</u> . |

Continuation of Disposition of Claims: Claims withdrawn from consideration are 97-99, 106, 107, 112-117, 130, 133-135, 142, 143, 148-153, 158, 159, 161-163, 170, 171, 176-181, 194, 197-199, 206, 207, 212-217, 220-233, 241, 243, 244, 249, 251, 252 and 259.

Continuation of Disposition of Claims: Claims subject to restriction and/or election requirement are 97-99, 106, 107, 112-117, 130, 133-135, 142, 143, 148-153, 158, 159, 161-163, 170, 171, 176-180, 194, 197-199, 206, 207, 212-217, 220-233, 241, 243, 244, 249, 251, 252 and 259.

DETAILED ACTION

1. This action is in response to applicant's preliminary amendment filed on December 2, 2005. **Claims 94-96,100-105,108-111,118-126,128,129,131,132,136-141,144-147,1547-157,160,164-169,172-175,182-192,195,196,200-219,234-240,242,245-248, 250,253,254-258,260-265** are now pending in the present application.

Election/Restrictions

2. Applicant's election without traverse of **claims 94-96,100-105,108-111,118-126,128,129,131,132,136-141,144-147,1547-157,160,164-169,172-175,182-192,195,196,200-219,234-240,242,245-248, 250,253,254-258,260-265** in the reply filed on December 2, 2005 is acknowledged.

Information Disclosure Statement

3. The information disclosure statement submitted on January 17, 2001 and March 6, 2002 was received. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly the information disclosure statement is being considered by the examiner.

4. The information disclosure statement filed August 17, 2000 fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because it was not submitted with the USPTO 1449 form. Applicant has appeared to submit various previous 892 forms from the parent application as well as handwritten 1449 forms that are illegible and/or have already been initialed by a previous examiner. The examiner respectfully asks Applicants to resubmit a corrected 1449 form, which lists all references from the IDS filed on August 17, 2000, in response to this office action. It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of

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any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

Prior Art

5. Regarding the relied upon reference Mobile Data Network Description (TF Report 3/89), comprising volumes 1-4 and 6-8 published in 1989, the Examiner believes that the Applicant has a copy of this document based upon review of the prosecution history of the parent applications. If Applicant requests to have this document, the Examiner respectfully asks Applicant to notify the Examiner so that the document can be promptly provided to the applicant.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 94,234,242,250 and 258 are rejected under 35 U.S.C. 102(b) as being anticipated by Zabarsky et al. US Patent 4,644,351.

Regarding claim 94,234,242,250 and 258, Zabarsky teaches a system, computer program stored on a storage medium for execution by a system, method and a wireless device comprising a plurality of originating processors (paging units 106; fig. 1; fig. 10; each paging unit comprises a processor 1001), the originating processors originating electronic mail by executing electronic

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mail programming (col. 4, lines 56-64; col. 12, lines 30-49, fig. 11), the electronic mail containing an identification of an intended recipient and information which is transmitted in the electronic mail to the electronic mail system, (col. 11, line 68-col. 14, line 3; fig. 11),

a communication system including a system which receives electronic mail from the plurality of originating processors, (col. 5, lines 30-38; col. 15, lines 20-30),

a wireless system including at least one processor, (col. 15, lines 20-30; figs. 1 and 6), at least one wireless device (paging unit 106), each wireless device including a wireless receiver (1025), a memory (1005) which stores the information contained in the electronic mail, a processor (1001) and at least one application program which is executed by the processor of the wireless device, (fig. 10, fig. 11; col. 12, lines 32-41; fig. 2); and

a processor, coupled to the communication system and to the wireless system, to which at least the information contained in the electronic mail is transmitted by the communication system, (col. 5, lines 30-38; col. 12, lines 32-41; fig. 2; fig. 6); and

wherein the system which receives electronic mail determines if received electronic mail should be transmitted to the wireless system and, (col. 15, lines 62-col. 16, line 17), in response to reception of electronic mail which is determined to be electronic mail which should be directed to the wireless system, (col. 15, lines 62-col. 16, line 17), the system which receives electronic mail adds to at least the information contained in the electronic mail the identification of the at least one wireless device to receive at least the information (col. 15, lines 62-col. 16, line 17) and directs that at least the information and the identification of the at least one wireless device is transmitted to the processor coupled to the communication system and to the wireless system, (col. 15, lines 62-col. 16, line 17); and

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in response to reception of at least the information contained in the electronic mail by the processor coupled to the communication system and to the wireless system, at least the information contained in the electronic mail and an identification of at least one wireless device which is to receive the information contained in the electronic mail are transmitted to the wireless system and by the wireless system through the at least one wireless system processor to the at least one wireless device with the processor thereof processing the information with the at least one application program, (col. 10, lines 27-41; col. 15, lines 62-col. 16, line 30).

8. Claims 94-96,100-105,108-111,118-126,128,129,131,132,136-141,144-147,1547-157,160,164-169,172-175,182-192,195,196,200-219,234-240,242,245-248, 250,253,254-258,260-265 are rejected under 35 U.S.C. 102(b) as being anticipated Mobile Data Network Description (TF Report 3/89), comprising volumes 1-4 and 6-8 published in 1989, hereinafter (Telenor).

Regarding claim 94, Telenor teaches a system comprising a plurality of originating processors, the originating processors originating electronic mail by executing electronic mail programming, the electronic mail containing an identification of an intended recipient and information which is transmitted in the electronic mail to the electronic mail system, (Telenor teaches of a communications system comprising a mobile data network ("MDN"), (vol. 1 - preface). Telenor teaches a wireless system (radio network comprising mobile stations), (vol. 1; figs. 1 and 2; pages 1-3). The communication system (MDN and MHS) transmit email into the communication system from various originating devices in both the MDN and MHS. For example regarding the MDN, the MS is extensively programmed to originate message (vol. 1, pages 45; vol. 7 - pages 6-7; vol. 8, pages 13-17,29). Regarding the MHS, a user inputs X.400

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messages into the MHS at a user agent terminal (originating device), (vol. 8, pages 3-5; figs. 1,3 and 5). The MHS user agent terminal is a computer based device and thus comprises a processor that executes computer instructions. The X.400 messages are electronic mail message because X.400 messages contain an electronic envelope with content (to, from, subject) inside (vol. 8, page 6 - sec. 2.4), (vol. 8 sec. 7.1-7.1.5, pages 31-35);

a communication system including a system which receives electronic mail from the plurality of originating processors, (the communication system (MDN and MHS) transmit email into the communication system from various originating devices in both the MDN and MHS. For example regarding the MDN, the MS is extensively programmed to originate message (vol. 1, pages 45; vol. 7 - pages 6-7; vol. 8, pages 13-17,29). Further each MS comprises a “mobile” data terminal comprising a processor (vol. 7 - page 2; fig. 1). Thus the MS is a processor. The MDN MS originated message are electronic “mail” because the messages contain envelope type data (e.g. to, from, subject) and actual content (vol. 8, sections 7.1-7.1.5 - pages 31-33). Every message transmitted by a party is received by the MDN, (pages 39-42);

a wireless system including at least one processor, (the MS is extensively programmed to originate message (vol. 1, pages 45; vol. 7 - pages 6-7; vol. 8, pages 13-17,29). Further each MS comprises a “mobile” data terminal comprising a processor (vol. 7 - page 2; fig. 1). Thus the MS is a processor.);

at least one wireless device, each wireless device including a wireless receiver, a memory which stores the information contained in the electronic mail, a processor and at least one application program which is executed by the processor of the wireless device; and

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Telenor teaches that certain MDN MS stations receive MDN and MHS originated messages, such as email, (vol. 2, pages 12-12). The MDN MS includes components such as a “Radio Protocol Controller” (“RPC”) and “radio unit” that form the claimed “wireless device” (vol. 7, page 2 fig. 1). The RPC and radio unit is a wireless receiver because the RPC and radio unit must function together integral as an overall RF receiver unit (vol. 7, fig. 1, page 2). The RPC/radio units (wireless devices) receive over the air broadcast for cellular based stations, (vol. 1, page 1; fig. 1. Also the wireless system also transmits message using a “broadcast mode”, (vol. 1, page 12, fig. 8). The MDN MS comprises a computer (vol. 7, page 2; fig. 1, processing unit) that fetches instructions (i.e. an application program) from memory in order to perform the disclosed functions.

a processor, coupled to the communication system and to the wireless system, to which at least the information contained in the electronic mail is transmitted by the communication system; and

The MDX interface is a computer based device performing multiple functions and supports a “distribution list” mode wherein the same message is transmitted to distribution lists of recipient addresses (vol. 1, pages 27-29), where the recipient address identifies the RF-receiver.

wherein the system which receives electronic mail determines if received electronic mail should be transmitted to the wireless system and, in response to reception of electronic mail which is determined to be electronic mail which should be directed to the wireless system, (vol. 1, page 11, page 41), the system which receives electronic mail adds to at least the information contained in the electronic mail the identification of the at least one

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wireless device to receive at least the information (vol. 1, pages 27-29) and directs that at least the information and the identification of the at least one wireless device is transmitted to the processor coupled to the communication system and to the wireless system, (vol. 1, page 22; fig. 12); and

The MDX receives an inbound message to a party which does not reside on that MDX and thus determines to relay the message to the home MDX of the addressed party, (vol. 1 page 22).

in response to reception of at least the information contained in the electronic mail by the processor coupled to the communication system and to the wireless system, at least the information contained in the electronic mail and an identification of at least one wireless device which is to receive the information contained in the electronic mail are transmitted to the wireless system and by the wireless system through the at least one wireless system processor to the at least one wireless device with the processor thereof processing the information with the at least one application program, (vol. 1, pages 11,21-22 and 25-26, fig. 12).

The MDX receiving a message addressed to a party relates the message to the addressed party's terminal. The MDT (wireless terminal) provides for operation control with a user interface and application program for processing the received message, (vol. 7, pages 4-7).

Regarding claim 95, Telenor, as applied to claim 94, teaches wherein the intended recipient is identified by a name of the intended recipient, (vol. 8, page 7).

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Regarding claim 96, Telenor, as applied to claim 95, teaches the identification of the at least one wireless device is determined from the name of the intended recipient, (vol. 8, page 7).

Regarding claim 100, Telenor, as applied to claim 95, teaches wherein the system deletes information from the information contained in the electronic mail which deleted Information is not transmitted by the wireless system, (vol. 8, pages 43-45). Blind information teaches are preserved by the MDX and shall not be delivered to any MDN terminals.

Regarding claim 101, Telenor, as applied to claim 100, teaches wherein a processor in the system deletes the information from the information contained in the electronic mail (vol. 8, pages 43-45).

Regarding claims 102 and 105, Telenor, as applied to claims 101 and 104, teaches wherein the deleted information is a header (vol. 8, pages 43-45).

Regarding claim 103, Telenor, as applied to claim 96, teaches wherein the system deletes information from the information contained in the electronic mail which deleted information is not transmitted by the wireless system (vol. 8, pages 43-45).

Regarding claim 104, Telenor, as applied to claim 103, teaches wherein a processor in the system deletes the information from the information contained in the electronic mail (vol. 8, pages 43-45).

Regarding claims 108, 110, 118, 120, 122, 124, 126 and 128, Telenor, as applied to claims 95, 96, 100, 101, 102, 103, 104 and 105 teaches wherein the processor coupled to the communication system and to the wireless system, after reception of the information contained in the electronic mail, adds additional information which is transmitted to the wireless system

and at least the information contained in the electronic mail and the identification of the at least one wireless device are transmitted by the wireless system to the at least one wireless device, (vol. 1, pages 22,27-29; fig. 12).

Regarding claims 109,111,119,121,123,125,127 and 129, Telenor, as applied to claims 108,110,118,120,122,124,126 and 128 teaches wherein the added information includes data packets which contain the information in the electronic mail, (vol. 1, pages 22,27-29; fig. 12).

Regarding claims 131,132,136-141,144-147 and 154-157, Telenor, as applied to claim 95,96,100-105,108-111 and 118-121 teaches wherein one of the at least one wireless system processor, in response to information inputted thereto, determines a destination in the wireless system to which at least the information contained in the electronic mail and the identification of the at least one wireless device are transmitted by the wireless system and the wireless system at the destination wirelessly transmits at least the information and the identification of the at least one wireless device to the at least one wireless device, (vol. 1, pages 11,21-22 and 25-26, fig. 12).

Regarding claims 160,164-169,172-175,182-192,195,196 and 200-219, Telenor, as applied to claim 96,100-105,108-111,118-128,131,132,136-141,144-147,154 and 155 teaches wherein a check is performed by a processor in the system to determine if the information in the electronic mail should be transmitted by the wireless system, (vol. 1, page 11, page 41).

Regarding claim 234, Telenor teaches a computer program stored on a storage medium for execution by a system which receives electronic mail included in a system coupled to a wireless system, wherein said electronic mail includes an identification of an intended recipient and information to be sent to the intended recipient from at least one

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originating processor which originates the electronic mail, wherein said wireless system receives at least said information included in the electronic mail and wirelessly transmits the at least said information included in the electronic mail to at least one wireless device as the intended recipient, and wherein said computer program when executed causes said system which receives electronic mail to perform the steps of:

(Telenor teaches of a communications system comprising a mobile data network (“MDN”), (vol. 1 - preface). Telenor teaches a wireless system (radio network comprising mobile stations), (vol. 1; figs. 1 and 2; pages 1-3). The communication system (MDN and MHS) transmit email into the communication system from various originating devices in both the MDN and MHS. For example regarding the MDN, the MS is extensively programmed to originate message (vol. 1, pages 45; vol. 7 - pages 6-7; vol. 8, pages 13-17,29). Regarding the MHS, a user inputs X.400 messages into the MHS at a user agent terminal (originating device), (vol. 8, pages 3-5; figs. 1,3 and 5). The MHS user agent terminal is a computer based device and thus comprises a processor that executes computer instructions. The X.400 messages are electronic mail message because X.400 messages contain an electronic envelope with content (to,from,subject) inside (vol. 8, page 6 - sec. 2.4), (vol. 8 sec. 7.1-7.1.5, pages 31-35).

receiving electronic mail from the at least one originating processor and determining if the electronic mail should be transmitted to the wireless system;

(the communication system (MDN and MHS) transmit email into the communication system from various originating devices in both the MDN and MHS. For example regarding the MDN, the MS is extensively programmed to originate message (vol. 1, pages 45; vol. 7 - pages 6-7; vol. 8, pages 13-17,29). Further each MS comprises a “mobile” data terminal comprising a

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processor (vol. 7 - page 2; fig. 1). Thus the MS is a processor. The MDN MS originated message are electronic "mail" because the messages contain envelope type data (e.g., to, from, subject) and actual content (vol. 8, sections 7.1-7.1.5 - pages 31-33). Every message transmitted by a party is received by the MDN, (pages 39-42);

if the received electronic mail is to be transmitted to the wireless system, (vol. 1, page 11, page 41) adding to the at least said information included in the electronic mail an identification of the at least one wireless device which is to receive the information included in the electronic mail, (vol. 1, pages 27-29); and

transmitting from the system which receives electronic mail the at least said information included in the electronic mail and the identification of the at least one wireless device which is to receive the at least said information included in the electronic mail with the at said least information and the identification being received by said wireless system;

The MDX receiving a message addressed to a party relates the message to the addressed party's terminal. The MDT (wireless terminal) provides for operation control with a user interface and application program for processing the received message, (vol. 7, pages 4-7).

wherein said wireless system, responsive to receipt of the at least said information included in the electronic mail and the identification of the at least one wireless device from said system which receives electronic mail, wirelessly transmits the at least said information included in the electronic mail along with the identification of the at least one wireless device to permit receipt thereof by the at least one wireless device which executes an application program for processing the at least said information.

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The MDX receiving a message addressed to a party relates the message to the addressed party's terminal. The MDT (wireless terminal) provides for operation control with a user interface and application program for processing the received message, (vol. 7, pages 4-7).

Regarding claim 235, Telenor, as applied to claim 234, teaches wherein a processor in the system deletes information from the electronic mail; and wherein the deleted information is not transmitted to said wireless system, (col. 8, lines 43-45).

Regarding claims 236 and 260, Telenor, as applied to claims 234 and 257 teaches wherein a processor in the system performs a check to determine if said information should be transmitted to said wireless system, (vol. 1, page 11, page 41).

Regarding claims 237,245,253 and 261, Telenor, as applied to claims 234,242,250 and 257 teaches wherein said identification is a number serving as a mobile identification (ID) of the at least one wireless device, (vol. 8, page 7).

Regarding claims 238,246,254 and 262, Telenor, as applied to claims 237,245,253 and 260, teaches wherein said identification of the intended recipient included in the electronic mail is converted to said mobile ID, (vol. 8, page 7).

Regarding claims 239,247,255 and 263, Telenor, as applied to claims 234,242,250 and 257 teaches wherein a processor serving as an interface is coupled between said system and said wireless system, (Telenor teaches a wireless system (radio network comprising mobile stations), (vol. 1; figs. 1 and 2; pages 1-3). The communication system (MDN and MHS) transmit email into the communication system from various originating devices in both the MDN and MHS. For example regarding the MDN, the MS is extensively programmed to originate message (vol. 1, pages 45; vol. 7 - pages 6-7; vol. 8, pages 13-17,29).

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Regarding claims 240,248,256 and 264, Telenor, as applied to claims 234,242,250 and 257, teaches wherein said application program executed by the at least one wireless device is electronic mail programming, (vol. 8, pages 3-5; figs. 1,3 and 5).

Regarding claim 242, Telenor teaches **a method in a system which receives electronic mail from at least one originating processor, said system which receives electronic mail being included in a system which is coupled to a wireless system, wherein said electronic mail includes an identification of an intended recipient and information to be transmitted to the intended recipient, wherein said wireless system receives at least said information included in the electronic mail and wirelessly transmits the at least said information included in the electronic mail to at least one wireless device as the intended recipient, said method comprising:**

(Telenor teaches of a communications system comprising a mobile data network ("MDN"), (vol. 1 - preface). Telenor teaches a wireless system (radio network comprising mobile stations), (vol. 1; figs. 1 and 2; pages 1-3). The communication system (MDN and MHS) transmit email into the communication system from various originating devices in both the MDN and MHS. For example regarding the MDN, the MS is extensively programmed to originate message (vol. 1, pages 45; vol. 7 - pages 6-7; vol. 8, pages 13-17,29). Regarding the MHS, a user inputs X.400 messages into the MHS at a user agent terminal (originating device), (vol. 8, pages 3-5; figs. 1,3 and 5). The MHS user agent terminal is a computer based device and thus comprises a processor that executes computer instructions. The X.400 messages are electronic mail message because X.400 messages contain an electronic envelope with content (to,from,subject) inside (vol. 8, page 6 - sec. 2.4), (vol. 8 sec. 7.1-7.1.5, pages 31-35);

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receiving electronic mail at the system which receives the electronic mail from the at least one originating processor and determining if the electronic mail should be transmitted to the wireless system;

(the communication system (MDN and MHS) transmit email into the communication system from various originating devices in both the MDN and MHS. For example regarding the MDN, the MS is extensively programmed to originate message (vol. 1, pages 45; vol. 7 - pages 6-7; vol. 8, pages 13-17,29). Further each MS comprises a “mobile” data terminal comprising a processor (vol. 7 - page 2; fig. 1). Thus the MS is a processor. The MDN MS originated message are electronic “mail” because the messages contain envelope type data (e.g., to, from, subject) and actual content (vol. 8, sections 7.1-7.1.5 - pages 31-33). Every message transmitted by a party is received by the MDN, (pages 39-42);

if the received electronic mail is to be transmitted to the wireless system, the system which receives electronic mail adds to the at least said information included in the electronic mail an identification of the at least one wireless device which is to receive the information included in the electronic mail, (vol. 1, pages 27-29); and

transmitting from the system which receives electronic mail the at least said information included in the electronic mail and the identification of the at least one wireless device which is to receive the at least said information included in the electronic mail with the at least said information and the identification being received by said wireless system; and

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The MDX receiving a message addressed to a party relates the message to the addressed party's terminal. The MDT (wireless terminal) provides for operation control with a user interface and application program for processing the received message, (vol. 7, pages 4-7).

wherein said wireless system, responsive to receipt of the at least said information included in the electronic mail and the identification of the at least one wireless device, wirelessly transmits the at least said information included in the electronic mail along with the identification of the at least one wireless device to permit receipt thereof by the at least one wireless device which executes an application program for processing the at least said information.

The MDX receiving a message addressed to a party relates the message to the addressed party's terminal. The MDT (wireless terminal) provides for operation control with a user interface and application program for processing the received message, (vol. 7, pages 4-7).

Regarding claims 250 and 258, Telenor, teaches a system comprising:
at least one originating processor which originates electronic mail containing an identification of an intended recipient and information to be sent to the intended recipient from the at least one originating processor; (Telenor teaches of a communications system comprising a mobile data network ("MDN"), (vol. 1 - preface). Telenor teaches a wireless system (radio network comprising mobile stations), (vol. 1; figs. 1 and 2; pages 1-3). The communication system (MDN and MHS) transmit email into the communication system from various originating devices in both the MDN and MHS. For example regarding the MDN, the MS is extensively programmed to originate message (vol. 1, pages 45; vol. 7 - pages 6-7; vol. 8, pages 13-17,29). Regarding the MHS, a user inputs X.400 messages into the MHS at a user agent

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terminal (originating device), (vol. 8, pages 3-5; figs. 1,3 and 5). The MHS user agent terminal is a computer based device and thus comprises a processor that executes computer instructions. The X.400 messages are electronic mail message because X.400 messages contain an electronic envelope with content (to, from, subject) inside (vol. 8, page 6 - sec. 2.4), (vol. 8 sec. 7.1-7.1.5, pages 31-35);

a wireless system; Telenor teaches a wireless system (radio network comprising mobile stations), (vol. 1; figs. 1 and 2; pages 1-3).

at least one wireless device which executes at least one application program; Telenor teaches that certain MDN MS stations receive MDN and MHS originated messages, such as email, (vol. 2, pages 12-12). The MDN MS includes components such as a "Radio Protocol Controller" ("RPC") and "radio unit" that form the claimed "wireless device" (vol. 7, page 2 fig. 1). The RPC and radio unit is a wireless receiver because the RPC and radio unit must function together integral as an overall RF receiver unit (vol. 7, fig. 1, page 2). The RPC/radio units (wireless devices) receive over the air broadcast for cellular based stations, (vol. 1, page 1; fig. 1).

a communication system coupled to said wireless system; and (the communication system (MDN and MHS) transmit email into the communication system from various originating devices in both the MDN and MHS. For example regarding the MDN, the MS is extensively programmed to originate message (vol. 1, pages 45; vol. 7 - pages 6-7; vol. 8, pages 13-17,29). Further each MS comprises a "mobile" data terminal comprising a processor (vol. 7 - page 2; fig. 1). Thus the MS is a processor. The MDN MS originated message are electronic "mail" because the messages contain envelope type data (e.g. to, from, subject) and actual

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content (vol. 8, sections 7.1-7.1.5 - pages 31-33). Every message transmitted by a party is received by the MDN, (pages 39-42);

a system which receives electronic mail from the at least one originating processor, said system which receives electronic mail being included in said communication system, the electronic mail including said identification of the intended recipient and at least said information to be sent to the intended recipient, said system which receives electronic mail receives electronic mail from the at least one originating processor and determines if the electronic mail should be transmitted to the wireless system, if the received electronic mail is to be transmitted to the wireless system, adds to the at least said information included in the electronic mail an identification of the at least one wireless device which is to receive the at least said information included in the electronic mail as the intended recipient, and transmits the at least said information included in the electronic mail and the identification of the at least one wireless device which is to receive the at least said information with the at least said information and the identification being received by said wireless system, (vol. 1, page 22; fig. 12); and

The MDX receives an inbound message to a party which does not reside on that MDX and thus determines to relay the message to the home MDX of the addressed party, (vol. 1 page 22).

wherein said wireless system, responsive to receipt of the at least said information included in the electronic mail and the identification of the at least one wireless device, wirelessly transmits the at least said information included in the electronic mail along with the identification of the at least one wireless device to permit receipt thereof by the at least

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one wireless device which executes the at least one application program for processing the at least said information, (vol. 1, pages 11,21-22 and 25-26, fig. 12).

The MDX receiving a message addressed to a party relates the message to the addressed party's terminal. The MDT (wireless terminal) provides for operation control with a user interface and application program for processing the received message, (vol. 7, pages 4-7).

Regarding claim 257 and 265, Telenor, as applied to claims 250 and 267 teaches wherein said communication system comprises another system which receives electronic mail; and the at least one wireless device receives electronic mail in the another system which receives electronic mail by executing electronic mail programming, (vol. 8, pages 3-5; figs. 1,3 and 5).

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Charles E. Priddy, Marketing a new system entails some trial and error, and changes.

Edward Heinz, Private and Common-Carrier Paging.

Telecom Digest, Geoffrey S. Goodfellow.

10. Any response to this action should be mailed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

or faxed to:

(571) 273-8300, (for formal communications intended for entry)

Or:

(571) 273-7537, (for informal or draft communications, please label "PROPOSED" or "DRAFT")

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Hand-delivered responses should be brought to:

Customer Service Window
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401 Dulany Street
Alexandria, VA 22314

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ovidio Escalante whose telephone number is 571-272-7537. The examiner can normally be reached on M-Th from 6:30AM to 4:00PM. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan S Tsang can be reached on 571-272-7547. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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July 24, 2006

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